

- (c) selecting the single localized volume for ejection from the fluid based on the determination of one or more properties in step (b); and
(d) ejecting the single localized volume from the fluid by use of focused radiation.

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2. The method of claim 1, wherein the focused radiation is focused acoustic radiation.

3. The method of claim 1, wherein the focused radiation is focused electromagnetic radiation.

8. The method of claim 1, wherein the localized volume is ejected with a first non-zero velocity component perpendicular to the fluid surface and a second non-zero velocity component parallel to the fluid surface to effect a nonvertical trajectory whereby the localized volume experiences a net displacement in a direction parallel to the fluid surface.

A2
9. The method of claim 8, wherein the nonvertical trajectory is directionally controllable.

12. The method of claim 1, wherein the determining in step (b) of the one or more properties is a quantitative or semiquantitative determination.

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13. The method of claim 12, wherein the fluid is contained in a fluidic channel on a substrate surface.

14. The method of claim 13 wherein data from steps (a) and (b) is input into a processor that directs said selecting of (c) and said ejecting of (d) by reference to the data.

15. The method of claim 1 wherein the localized volumes are circumscribed volumes.

Also add new claims 67-88, as indicated in Appendix A. For the Examiner's convenience, the pending claims upon entry of this amendment are set forth in Appendix B.